

Product datasheet for **MG201449**

Taf9 (BC019453) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Taf9 (BC019453) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Taf9
Synonyms: 2810046E22Rik; 4921516M08Rik; AK/ATPase
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG201449 representing BC019453
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGCTCCGAATATCCTGCTCACCGGTACACCAGGGTTGGAAAAACCACACTAGGCAAGAAGCTTG
CATCAAGATCAGGCTGAAGTACGTTAACGTGGGAGATCTAGCTCGAGAAGGGCAGTTATACGACGGCTA
CGATGAGGAGTATGGCTGTCCATTCTAGATGAGGATAGGGTTGTCGATGAGTTAGAGCATCAGATGCAG
GAGGGCGGTGTGATTGTGGATTACCACGGCTGTGACTTCTCCCCGAACGCTGGTTTCATATAGTGTGG
TGTTGAGAACAGATAATGGTGTATTGTATAAACGACTTGAACAAGGGTTATAATGAGAAGAACTACA
AGACAATATTCAGTGTGAGATTTTCAAGTTCTTTATGAAGAAGCCATAGCATCTTACAAAGAAGAAATC
GTGCATCAGCTGCCAGTAATGAACCAGAACAGCTCGAGGACAATATCAACCAAATCTCAAATGGATTG
AGCAGTGGGTCAAAGATCATAACCT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG201449 representing BC019453
Red=Cloning site Green=Tags(s)
MKLPNILLTGTPGVGKTLGKELASRSLKYVNVGDLAREGQLYDGYDEEYGCPILEDREVVDELEHQMQ
EGGVIVDYHGCDFFPERWFHIVFLRTDNGVL YKRLTRGYNEKKLQDNIQCEIFQVLYEEAIASYKEEI
VHQLPSNEPEQLEDNINQISKWIEQWVKDHNP

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>BC019453</u> , <u>AAH19453</u>
RefSeq Size:	907 bp
RefSeq ORF:	518 bp
Locus ID:	108143
Cytogenetics:	13 D1
Gene Summary:	Essential for cell viability. TAF9 and TAF9B are involved in transcriptional activation as well as repression of distinct but overlapping sets of genes. May have a role in gene regulation associated with apoptosis. TAFs are components of the transcription factor IID (TFIID) complex, the TBP-free TAFII complex (TFTC), the PCAF histone acetylase complex and the STAGA transcription coactivator-HAT complex. TFIID or TFTC are essential for the regulation of RNA polymerase II-mediated transcription (By similarity).[UniProtKB/Swiss-Prot Function]